ORDER NO. SD7907-1589

Service Manual

Stereo Integrated Amplifier

SU-2600

(EG), (XE), (EB)

* The model SU-2600 (EG) is available in Scandinavia and European.
* The model SU-2600 (XE) is available in United Kingdom.
* The model SU-2600 (EB) is available in Belgium.

TECHNICAL SPECIFICATIONS

Specifications are subject to change without notice for further improvement.

[DIN 45 500]

AMPLIFIER SECTION

20 Hz ~ 20 kHz continuous power output	
both channels driven	2 x 25 W (8Ω)
40 Hz ~ 16 kHz continuous power output	
both channels driven	2 x 25 W (4Ω), 2 x 25 W (8Ω)
1 kHz continuous power output	
both channels driven	2 x 27 W (4Ω), 2 x 27 W (8Ω)
Power bandwidth	
both channels driven, −3 dB	5 Hz ~ 50 kHz (4Ω)
	5 Hz ~ 60 kHz (8Ω)
Total harmonic distortion	
rated power at 20 Hz ~ 20 kHz	0.08% (8Ω)
rated power at 40 Hz ~ 16 kHz	0.15% (4Ω), 0.08% (8Ω)
rated power at 1 kHz	0.15% (4Ω), 0.08% (8Ω)
half power at 20 Hz ~ 20 kHz	0.03% (8Ω)
half power at 1 kHz	0.03% (8Ω)
−26 dB power at 1 kHz	0.15% (4Ω)
50mW power at 1 kHz	0.2% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8 kHz = 4:1, 4Ω	0.15%
rated power at 60 Hz: 7 kHz = 4:1, SMPTE, 8Ω	0.08%
Residual hum & noise	0.6 mV
Damping factor	15 (4Ω), 30 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47 kΩ
TUNER, AUX	150 mV/27 kΩ
TAPE 1, PLAYBACK	180 mV/33 kΩ
PHONO maximum input voltage (1 kHz, RMS)	100 mV

S/N		
rated power at 4Ω	**PHONO**	74 dB (IHF, A: 80 dB)
	TUNER, AUX, TAPE	83 dB (IHF, A: 97 dB)
−26 dB power at 4Ω	**PHONO**	62 dB
	TUNER, AUX, TAPE	62 dB
50 mW power at 4Ω	**PHONO**	62 dB
	TUNER, AUX, TAPE	62 dB
Frequency response	**PHONO**	RIAA standard curve
		30 Hz ~ 15 kHz, ±1.0 dB
	TUNER, AUX, TAPE	20 Hz ~ 20 kHz, ±0.8 dB
		10 Hz ~ 50 kHz, −1 dB
Tone controls	**BASS**	50 Hz, +10 dB ~ −10 dB
	TREBLE	20 kHz, +10 dB ~ −10 dB
Loudness switch (volume at −30 dB)		50 Hz, +9 dB
Output voltage and impedance	**REC OUT**	150 mV
	REC/PLAY	30 mV/82 kΩ
Channel balance (250 Hz ~ 6300 Hz), AUX		±1.0 dB
Channel separation at 1 kHz, AUX		55 dB
Headphones output level and impedance		330 mV/330Ω
Load impedance	**MAIN or REMOTE**	4 ~ 16Ω
	MAIN + REMOTE	8 ~ 16Ω

GENERAL

Power consumption	300 W
Power supply (50 Hz/60 Hz)	110V/120V/220V/240V
Dimensions (W x H x D)	430 x 97 x 240 mm
	(16-29/32"x3-13/16"x9-7/16")
Weight	5.0 kg (11.0 lb.)

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Panasonic

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

SU-2600

TECHNISCHE DATEN

Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden.

[DIN 45 500]

VERSTÄRKERTEIL

Dauertonleistung bei 20 Hz ~ 20 kHz	
beide Kanäle zusammen ausgesteuert	2 x 25 W (8Ω)
Dauertonleistung bei 40 Hz ~ 16 kHz	
beide Kanäle zusammen ausgesteuert	2 x 25 W (4Ω)
	2 x 25 W (8Ω)
Dauertonleistung bei 1 kHz	
beide Kanäle zusammen ausgesteuert	2 x 27 W (4Ω), 2 x 27 W (8Ω)
Leistungsbandbreite	
beide Kanäle zusammen ausgesteuert, –3 dB	5 Hz ~ 50 kHz (4Ω)
	5 Hz ~ 60 kHz (8Ω)
Harmonische Verzerrungen	
Nennausgangsleistung bei 20 Hz ~ 20 kHz	0,08% (8Ω)
Nennausgangsleistung bei 40 Hz ~ 16 kHz	0,15% (4Ω), 0,08% (8Ω)
Nennausgangsleistung bei 1 kHz	0,15% (4Ω), 0,08% (8Ω)
Halber Ausgangsleistung bei 20 Hz ~ 20 kHz	0,03% (8Ω)
Halber Ausgangsleistung bei 1 kHz	0,03% (8Ω)
–26 dB Ausgangsleistung bei 1 kHz	0,15% (4Ω)
50 mW Ausgangsleistung bei 1 kHz	0,2% (4Ω)
Intermodulationsverzerrung	
Nennausgangsleistung bei 250 Hz: 8 kHz = 4:1, 4Ω	0,15%
Nennausgangsleistung bei 60 Hz: 7 kHz = 4:1, SMPTE 8Ω	0,08%
Brummen & Rauschen	0,6 mV
Dämpfungsfaktor	15 (4Ω), 30 (8Ω)
Eingangsempfindlichkeit & Impedanz	
PHONO	2,5 mV/47 kΩ
TUNER, AUX	150 mV/27 kΩ
TAPE 1, PLAYBACK	180 mV/33 kΩ
PHONO Maximale Eingangsspannungen (1 kHz RMS)	100 mV
Fremdspannungsabstand	
Nennausgangsleistung bei 4Ω	
PHONO	74 dB (IHF, A: 80 dB)
TUNER, AUX, TAPE	83 dB (IHF, A: 97 dB)
–26 dB Ausgangsleistung bei 4Ω PHONO	62 dB
TUNER, AUX, TAPE	62 dB
50 mW Ausgangsleistung bei 4Ω PHONO	62 dB
TUNER, AUX, TAPE	62 dB
Frequenzgang PHONO	RIAA Standardkurve
	30 Hz ~ 15 kHz, ±1,0 dB
TUNER, AUX, TAPE	20 Hz ~ 20 kHz, ±0,8 dB
	10 Hz ~ 50 kHz, –1 dB
Klangregler BÄSSE	50 Hz, +10 dB ~ –10 dB
HÖHEN	20 kHz, +10 dB ~ –10 dB
Gehörgerechte Lautstärkekorrektur (Lautstärke bei –30 dB)	50 Hz, +9 dB
Ausgangsspannungen & Impedanz REC OUT	150 mV
REC/PLAY	30 mV/82 kΩ
Kanalabweichung (250 Hz ~ 6300 Hz), AUX	±1,0 dB
Kanaltrennung bei 1 kHz, AUX	55 dB
Kopfhörerpegel und Ausgangsimpedanz	330 mV/330Ω
Lautsprecher-Ausgangsimpedanz	
MAIN oder REMOTE	4 ~ 16Ω
MAIN und REMOTE	8 ~ 16Ω

ALLGEMEINE DATEN

Leistungsaufnahme	300 W
Netzspannung umschaltbar (50 Hz/60 Hz)	110V/120V/220V/240V
Abmessungen (B x H x T)	430 x 97 x 240 mm
Gewicht	5,0 kg

CARACTERISTIQUES TECHIQUES

Sujet à changement sans préaris.

[DIN 45 500]

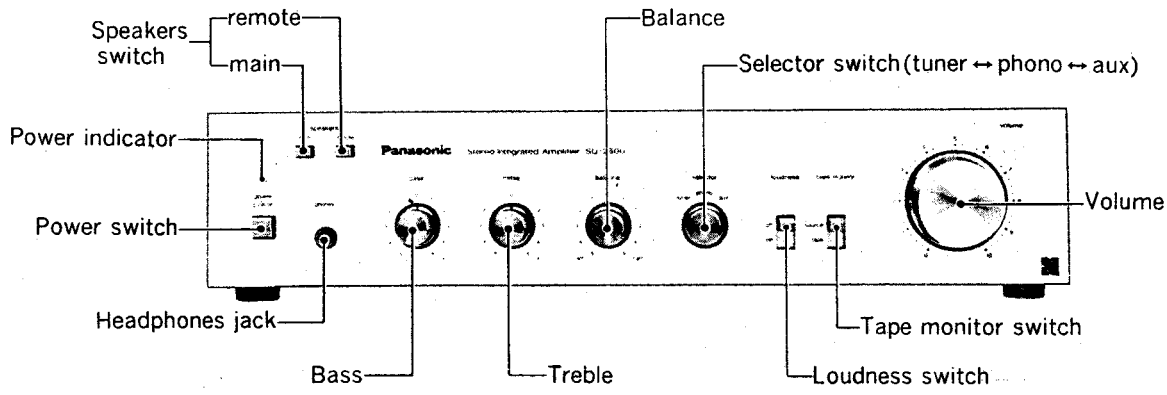
PARTIE AMPLIFICATEUR

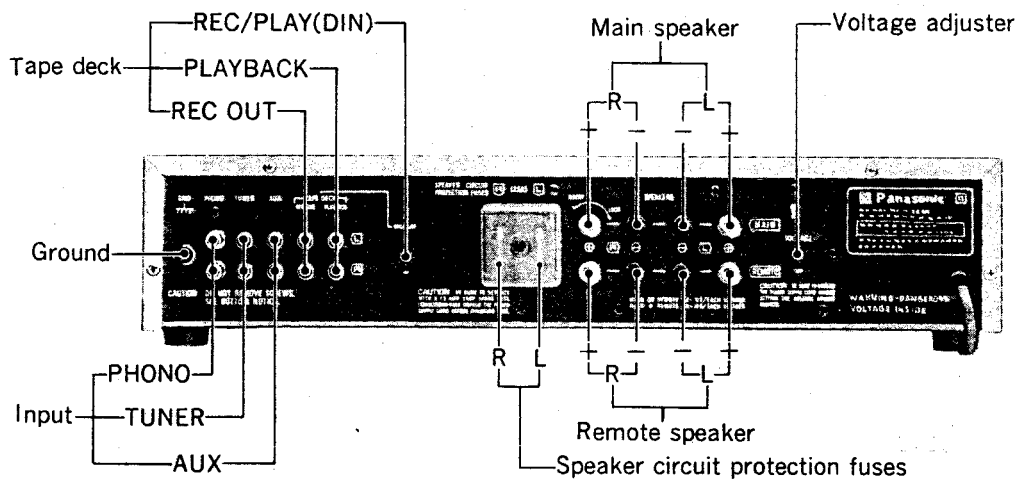
Puissance de sortie continue de 20 Hz ~ 20 kHz	
les deux canaux en circuit avec distorsion	2 x 25 W (8Ω)
Puissance de sortie continue de 40 Hz ~ 16 kHz	
les deux canaux en circuit avec distorsion	2 x 25 W (4Ω)
	2 x 25 W (8Ω)
Puissance de sortie continue à 1 kHz	
les deux canaux en circuit avec distorsion	2 x 27 W (4Ω)
	2 x 27 W (8Ω)
Largeur de bande de puissance	
pour l'ensemble des canaux excités, –3 dB	5 Hz ~ 50 kHz (4Ω)
	5 Hz ~ 60 kHz (8Ω)
Distorsion harmonique totale	
pour la puissance mesurée à 20 Hz ~ 20 kHz	0,08% (8Ω)
pour la puissance mesurée à 40 Hz ~ 16 kHz	0,15% (4Ω), 0,08% (8Ω)
pour la puissance mesurée à 1 kHz	0,15% (4Ω), 0,08% (8Ω)
pour la demi-puissance mesurée à 20 Hz ~ 20 kHz	0,03% (8Ω)
pour la demi-puissance mesurée à 1 kHz	0,03% (8Ω)
pour une puissance mesurée de –26 dB, 1 kHz	0,15% (4Ω)
pour une puissance mesurée de 50 mW, 1 kHz	0,2% (4Ω)
Distorsion d'intermodulation	
pour la puissance mesurée à 250 Hz: 8 kHz = 4:1, 4Ω	0,15%
pour la puissance mesurée à 60 Hz: 7 kHz = 4:1, 8Ω	0,08%
Tension résiduelle de bruit	0,6 mV
Facteur d'amortissement	15 (4Ω), 30 (8Ω)
Sensibilité & impédance d'entrée	
PHONO	2,5 mV/47 kΩ
TUNER, AUX	150 mV/27 kΩ
TAPE 1, PLAYBACK	180 mV/33 kΩ
Voltage d'entrée maximum (PHONO, 1 kHz, RMS)	100 mV
Repport signal/bruit	
pour la puissance nominale, 4Ω	
PHONO	74 dB (IHF, A: 80 dB)
TUNER, AUX, TAPE	83 dB (IHF, A: 97 dB)
pour une sortie de –26 dB, 4Ω PHONO	62 dB
TUNER, AUX, TAPE	62 dB
pour une sortie de 50 mW, 4Ω PHONO	62 dB
TUNER, AUX, TAPE	62 dB
Réponse de fréquence	
PHONO	Courbe standard RIAA
	30 Hz ~ 15 kHz, ± 1,0 dB
TUNER, AUX, TAPE	20 Hz ~ 20 kHz, ± 0,8 dB
	10 Hz ~ 50 kHz, –1 dB
Réglage de la tonalité	
BASS (graves)	50 Hz, +10 dB ~ –10 dB
TREBLE (aigus)	20 kHz, +10 dB ~ –10 dB
Correction physiologique (volume à 30 dB)	50 Hz, +9 dB
Tension de sortie & impédance REC OUT	150 mV
REC/PLAY	30 mV/82 kΩ
Equilibrage de canaux (250 Hz ~ 6300 Hz), AUX	± 1,0 dB
Séparation des canaux AUX 1 kHz	55 dB
Niveau du casque et impédance de sortie	330 mV/330Ω
Impédance de charge PRINCIPALE ou ELOIGNEE	4 ~ 16Ω
PRINCIPAE + ELOIGNEE	8 ~ 16Ω

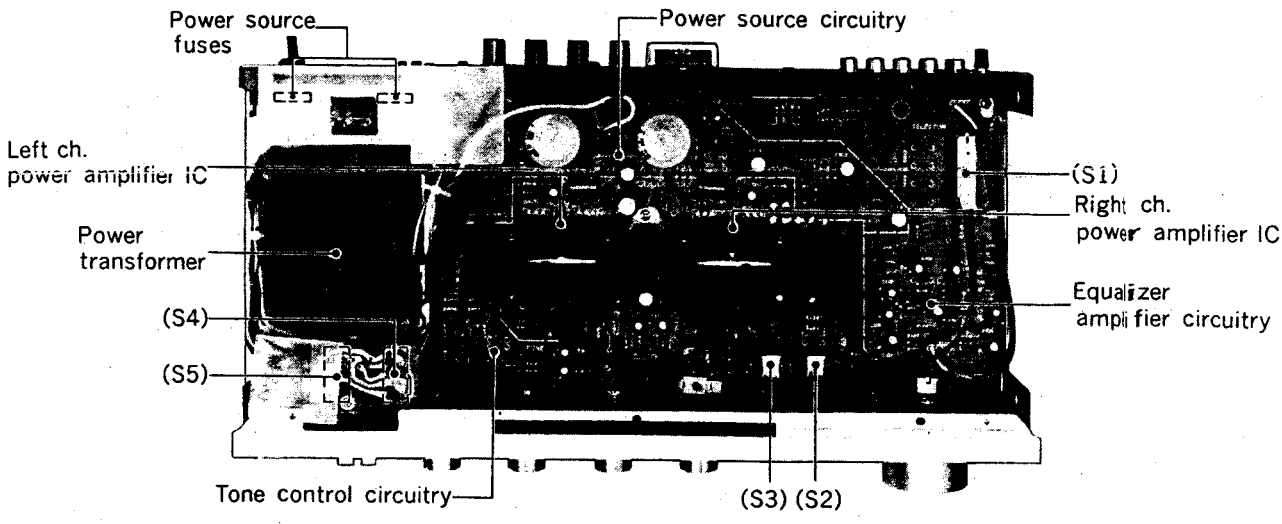
GENERALITES

Consommation	300 W
Alimentation (50 Hz/60 Hz)	110V/120V/220V/240V
Dimensions (L x H x Pr)	430 x 97 x 240 mm
Poids	5,0 kg

■ LOCATION OF CONTROLS







■ NOTE

The unit is provided with the speaker circuit protection fuses at the right and left channels respectively. The fuse is to prevent the power IC from destruction, should the speaker terminals be short-circuited. Accordingly, if the unit fails to function upon completion of the speaker connections, check the speaker circuit protection fuses first of all for possible blowing.

■ HOW TO REMOTE THE CABINET, BOTTOM BOARD AND FRONT PANEL

How to remove the cabinet

1. Remove the 4 setscrews (① ~ ④ in Fig. 1) on the side and 4 setscrews (⑤ ~ ⑧ in Fig. 2) on the back of the cabinet.
2. Shift the cabinet backward and lift it upward. (Arrow Ⓐ in Fig. 1)

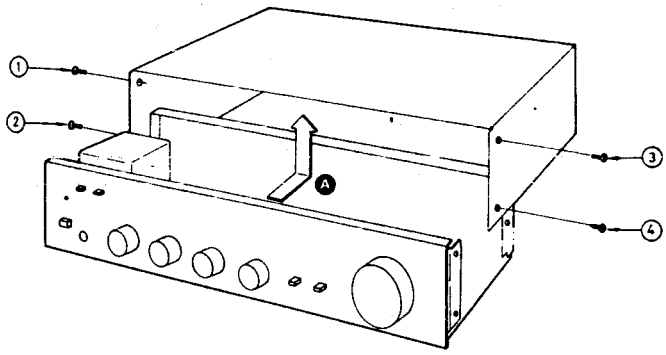


Fig. 1

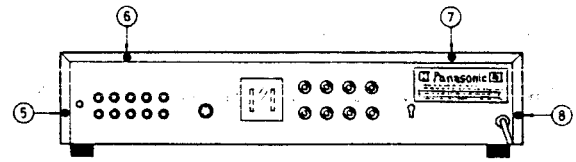


Fig. 2

How to detach the bottom board

1. Remove the 4 setscrews (⑩ ~ ⑬ in Fig. 3) used to secure bottom board and 4 setscrews (⑭ ~ ⑰ in Fig. 3) for the legs. Then the bottom board can be detached.

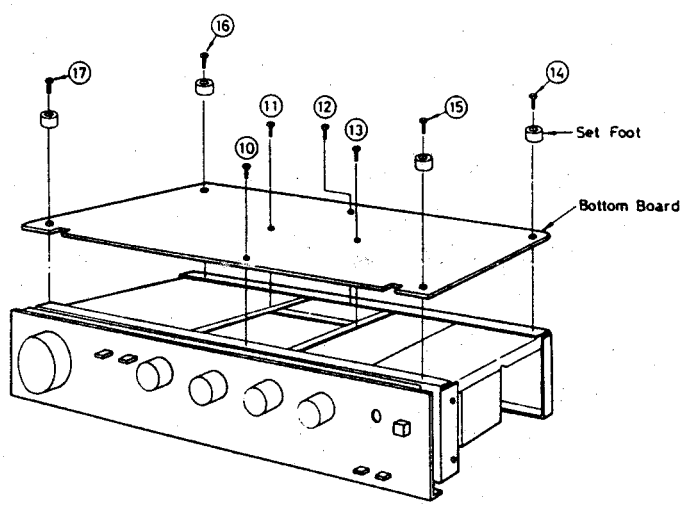
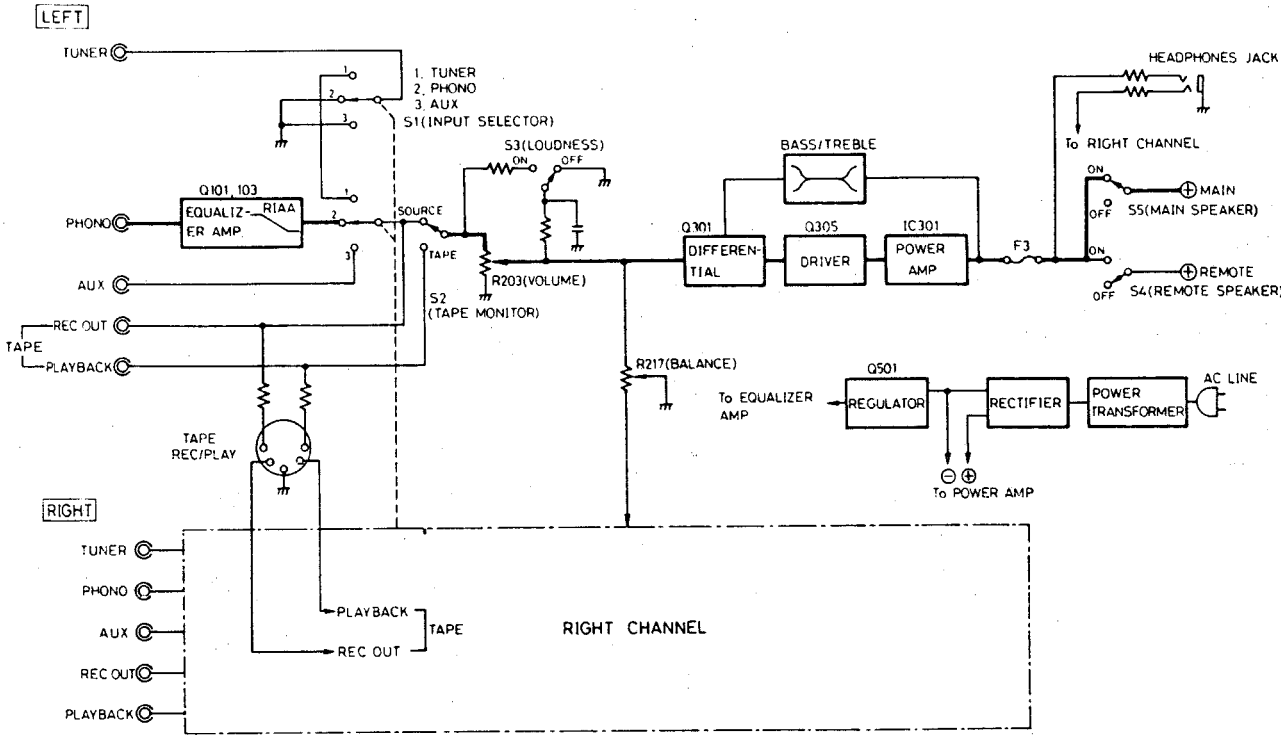


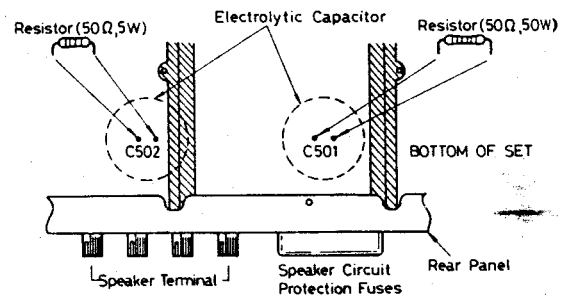
Fig. 3

■ BLOCK DIAGRAM



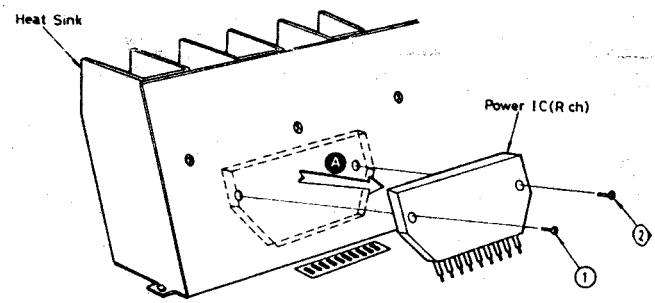
■ BEFORE STARTING THE REPAIRING

Before adjusting or repairing, be sure to short-circuit opposite poles of the 6800μF capacitors (C501, 502) with a resistor approximately of "50Ω, 5W" for discharging the charged voltage.
Short-circuiting with a screw driver and the like is not only dangerous, but may destroy transistors and diodes, and should therefore be avoided.



■ HOW TO REMOVE THE POWER IC

1. Remove the solder of power IC.
2. Remove the 2 setscrews (①, ② in figure. 5) used to secure the power IC on the heat sink, and then pull the power IC in the direction of arrow Ⓐ.
3. When mounting the power IC, apply silicone compound (or equivalent heat diffuser) to the back of power IC, and then follow the steps 1 ~ 2 reversely.



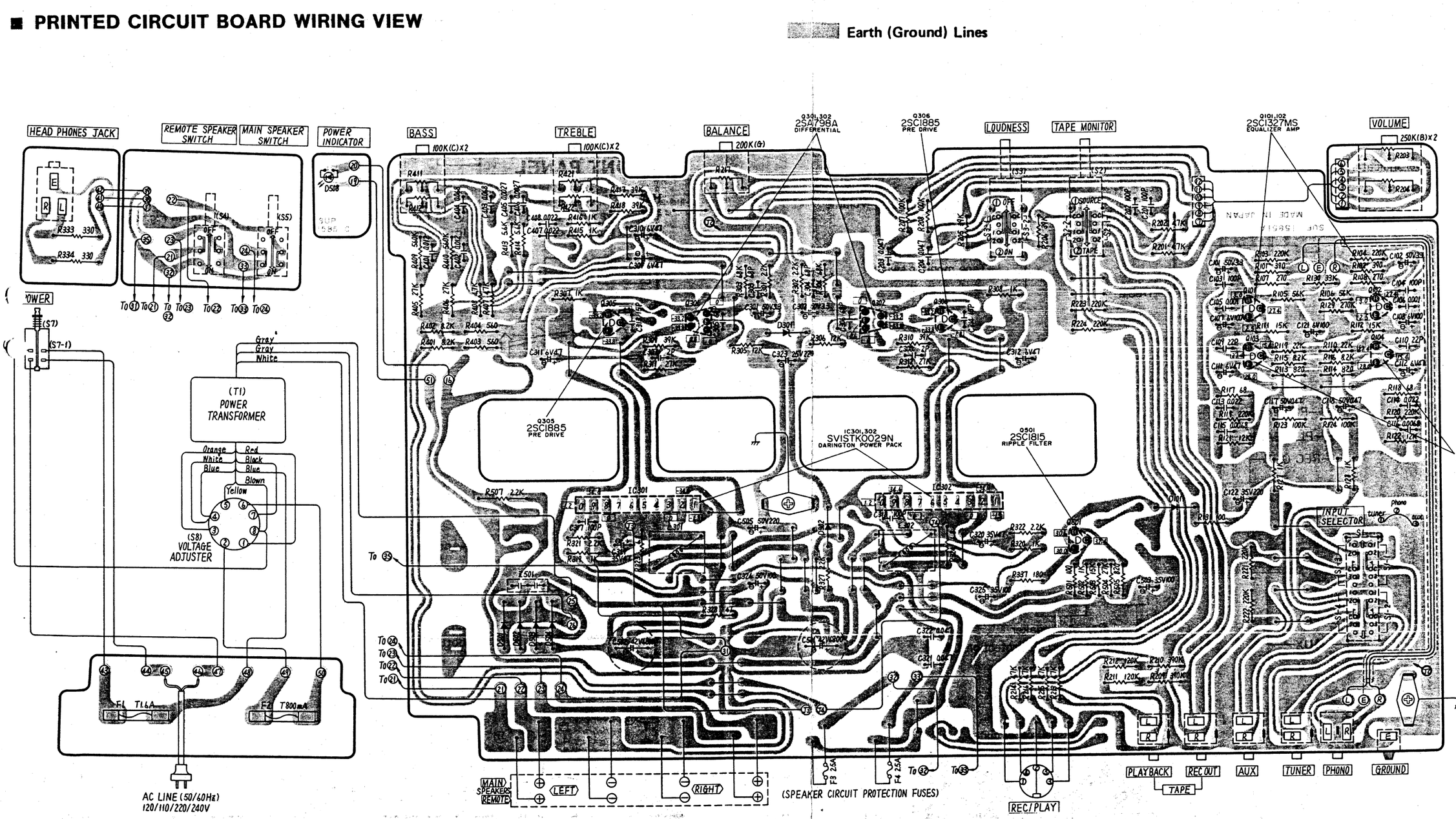
■ REPLACEMENT PARTS LIST (Electric Parts)

Notes: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts order.
2. ⚠ indicates that only parts specified by the manufacturer be used for safety.

Ref. No.		Part No.	Part Name & Description
INTEGRATED CIRCUITS			
IC301, 302		SVISTK0029N	IC, Darington Power Pack
TRANSISTORS			
Q101, 102		**2SC1328–T**	Transistor, Equalizer Amplifier
Q103, 104		2SA1015L–G	Transistor, Equalizer Amplifier (Use in ranks Y or G)
Q301, 302		**2SA798A–G2**	Transistor, Differential Amplifier
Q305, 306		2SC1885–R	Transistor, Pre Drive (Use in ranks Q, R or S)
Q501		2SC1815–Y	Transistor, Ripple Filter (Use in ranks Y or O)
DIODES			
D101, 302		**MA161**	Diode, Bias
D301		SVDMZ316B	Diode, Zener 16V
D501, 502, 503, 504	⚠	SVDS2V20	Rectifier
D508		**LN26RP**	Diode, Power Indicator
COILS and TRANSFORMER			
L301, 302		SLQY15G–3P	Coil, Choke
T1	⚠	SLT5M89–1	Transformer, Power
COMPONENT COMBINATION			
Z501		EXRFS203ZS	Component Combination, 0.01μF (X2)
FUSES			
F1	⚠	XBA2C16TR0	Fuse, T1.6A (250V) P.T. Primary
F2	⚠	XBA2C08TR0	Fuse, T800mA (250V) P.T. Primary
F3, 4	⚠	XBA2C25SS0	Fuse, 2.5A (250V) Speaker Circuit
SWITCHES			
S1		ESA2691	Switch, Input Selector
S2, 3		SSL121	Switch, Tape Monitor & Loudness
S4, 5		SSH263	Switch, Speakers Selector
S7	⚠	ESB70133	Switch, Power
S8	⚠	ESE37200	Switch, Voltage Adjuster
VARIABLE RESISTORS			
R203, 204		EWF6LA031BF5	Volume Control, 250kΩ (B)
R217		EVHFDA505G25	Balance Control, 200kΩ (G)
R411, 412, 421, 422		EWKGSA091C15	Bass & Treble Control, 100kΩ (C)

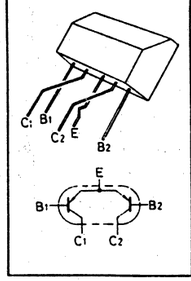
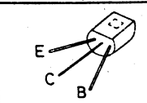
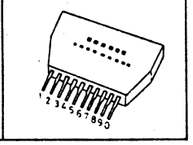
Ref. No.		Part No.	Part Name & Description			
RESISTORS						
R101, 102		**ERD25FJ391**	Carbon,	390Ω,	1/4W,	± 5%
R103, 104		**ERD25TJ224**	Carbon,	220kΩ,	1/4W,	± 5%
R105, 106		**ERD25TJ563**	Carbon,	56kΩ,	1/4W,	± 5%
R107, 108		**ERD25FJ271**	Carbon,	270Ω,	1/4W,	± 5%
R109, 110		ERD25TSJ223	Carbon,	22kΩ,	1/4W,	± 5%
R111, 112		ERD25TSJ153	Carbon,	15kΩ,	1/4W,	± 5%
R113, 114		**ERD25FJ821**	Carbon,	820Ω,	1/4W,	± 5%
R115, 116		**ERD25FJ822**	Carbon,	8.2kΩ,	1/4W,	± 5%
R117, 118		**ERD25FJ680**	Carbon,	68Ω,	1/4W,	± 5%
R119, 120		**ERD25TJ224**	Carbon,	220kΩ,	1/4W,	± 5%
R121, 122		**ERD25TJ123**	Carbon,	12kΩ,	1/4W,	± 5%
R123, 124		**ERD25TJ104**	Carbon,	100kΩ,	1/4W,	± 5%
R127, 128		**ERD25FJ102**	Carbon,	1kΩ,	1/4W,	± 5%
R129		**ERD25TJ274**	Carbon,	270kΩ,	1/4W,	± 5%
R130		**ERD25TJ333**	Carbon,	33kΩ,	1/4W,	± 5%
R131	⚠	**ERD25FJ101**	Carbon,	100Ω,	1/4W,	± 5%
R201, 202		**ERD25FJ472**	Carbon,	4.7kΩ,	1/4W,	± 5%
R205, 206		**ERD25TJ393**	Carbon,	39kΩ,	1/4W,	± 5%
R207, 208		**ERD25TJ104**	Carbon,	100kΩ,	1/4W,	± 5%
R209, 210		**ERD25TJ394**	Carbon,	390kΩ,	1/4W,	± 5%
R211, 212		**ERD25TJ124**	Carbon,	120kΩ,	1/4W,	± 5%
R213, 214		**ERD25FJ472**	Carbon,	4.7kΩ,	1/4W,	± 5%
R215, 216		**ERD25FJ472**	Carbon,	4.7kΩ,	1/4W,	± 5%
R221, 222		**ERD25TJ224**	Carbon,	220kΩ,	1/4W,	± 5%
R223, 224		**ERD25TJ224**	Carbon,	220kΩ,	1/4W,	± 5%
R301, 302		**ERD25FJ222**	Carbon,	2.2kΩ,	1/4W,	± 5%
R303, 304		**ERD25TJ683**	Carbon,	68kΩ,	1/4W,	± 5%
R305, 306		**ERD25TJ123**	Carbon,	12kΩ,	1/4W,	± 5%
R307, 308	⚠	**ERD25FJ102**	Carbon,	1kΩ,	1/4W,	± 5%
R309, 310		**ERD25TJ393**	Carbon,	39kΩ,	1/4W,	± 5%
R311, 312		**ERD25TJ273**	Carbon,	27kΩ,	1/4W,	± 5%
R319, 320	⚠	**ERD25FJ102**	Carbon,	1kΩ,	1/4W,	± 5%
R321, 322	⚠	**ERD25FJ222**	Carbon,	2.2kΩ,	1/4W,	± 5%
R323, 324	⚠	ERD50FJ6R8	Carbon,	6.8Ω,	1/2W,	± 5%
R327	⚠	**ERD25FJ222**	Carbon,	2.2kΩ,	1/4W,	± 5%
R328	⚠	**ERD25FJ470**	Carbon,	47Ω,	1/4W,	± 5%
R333, 334		**ERG1ANJ331**	Metal Oxide,	330Ω,	1W,	± 5%
R337	⚠	**ERD25FJ181**	Carbon,	180Ω,	1/4W,	± 5%
R401, 402		**ERD25FJ822**	Carbon,	8.2kΩ,	1/4W,	± 5%
R403, 404		**ERD25FJ561**	Carbon,	560Ω,	1/4W,	± 5%
R405, 406		**ERD25TJ273**	Carbon,	27kΩ,	1/4W,	± 5%
R407, 408		**ERD25FJ472**	Carbon,	4.7kΩ,	1/4W,	± 5%
R409, 410		**ERD25TJ564**	Carbon,	560kΩ,	1/4W,	± 5%
R413, 414		**ERD25FJ562**	Carbon,	5.6kΩ,	1/4W,	± 5%
R415, 416		**ERD25FJ102**	Carbon,	1kΩ,	1/4W,	± 5%
R417, 418		**ERD25TJ393**	Carbon,	39kΩ,	1/4W,	± 5%
R501	⚠	**ERD25FJ101**	Carbon,	100Ω,	1/4W,	± 5%
R502	⚠	**ERD25FJ102**	Carbon,	1kΩ,	1/4W,	± 5%
R503		**ERD25TJ153**	Carbon,	15kΩ,	1/4W,	± 5%
R504		**ERD25TJ273**	Carbon,	27kΩ,	1/4W,	± 5%
R505		**ERD25FJ821**	Carbon,	820Ω,	1/4W,	± 5%
R507		**ERG1ANJ222**	Metal Oxide,	2.2kΩ,	1W,	± 5%
CAPACITORS						
C101, 102		**ECEA50M3R3R**	Electrolytic,	3.3μF,	50V	
C103, 104		ECCD1H101K	Ceramic,	100pF,	50V,	±10%
C105, 106		ECKD1H102MD	Ceramic,	0.001μF,	50V,	±20%
C107, 108		**ECEA1AS101**	Electrolytic,	100μF,	10V	
C109, 110		ECCD1H220K	Ceramic,	22pF,	50V,	±10%
C111, 112		**ECEA1AS470**	Electrolytic,	47μF,	10V	
C113, 114		ECQM1H223KZ	Polyester,	0.022μF,	50V,	±10%
C115, 116		ECQM1H682KZ	Polyester,	0.0068μF,	50V,	±10%
C117, 118		**ECEA50MR47R**	Electrolytic,	0.47μF,	50V	
C121		**ECEA1AS101**	Electrolytic,	100μF,	10V	
C122		**ECEA1VS221**	Electrolytic,	220μF,	35V	
C201, 202		ECCD1H101K	Ceramic,	100pF,	50V,	±10%
C203, 204		ECQM1H473KZ	Polyester,	0.047μF,	50V,	±10%
C301, 302		**ECEA50Z3R3**	Electrolytic,	3.3μF,	50V	
C303, 304		ECCD1H680K	Ceramic,	68pF,	50V,	±10%
C305, 306		ECCD1H680K	Ceramic,	68pF,	50V,	±10%
C307, 308		ECCD1H020C	Ceramic,	2pF,	50V,	±0.25pF
C309, 310		**ECEA1AS470**	Electrolytic,	47μF,	10V	
C311, 312		**ECEA1AS470**	Electrolytic,	47μF,	10V	
C313, 314		ECCD2H150K	Ceramic,	15pF,	500V,	±10%
C317, 318		ECCD2H101K	Ceramic,	100pF,	500V,	±10%
C319, 320		**ECEA1HS470**	Electrolytic,	47μF,	50V	
C321, 322		ECQM1H473KZ	Polyester,	0.047μF,	50V,	±10%
C323		**ECEA1ES221**	Electrolytic,	220μF,	25V	
C324		**ECEA1HS101**	Electrolytic,	100μF,	50V	
C325		**ECEA1VS101**	Electrolytic,	100μF,	35V	
C401, 402		ECQM1[illegible]23KZ	Polyester,	0.012μF,	50V,	±10%
C403, 404		ECQM1H683KZ	Polyester,	0.068μF,	50V,	±10%
C405, 406		ECQM1H272KZ	Polyester,	0.0027μF,	50V,	±10%
C407, 408		ECQM1H223KZ	Polyester,	0.022μF,	50V,	±10%
C501, 502		ECET42R682S	Electrolytic,	6800μF,	42V	
C503		**ECEA1VS101**	Electrolytic,	100μF,	35V	
C505		**ECEA1HS221**	Electrolytic,	220μF,	50V	

■ PRINTED CIRCUIT BOARD WIRING VIEW

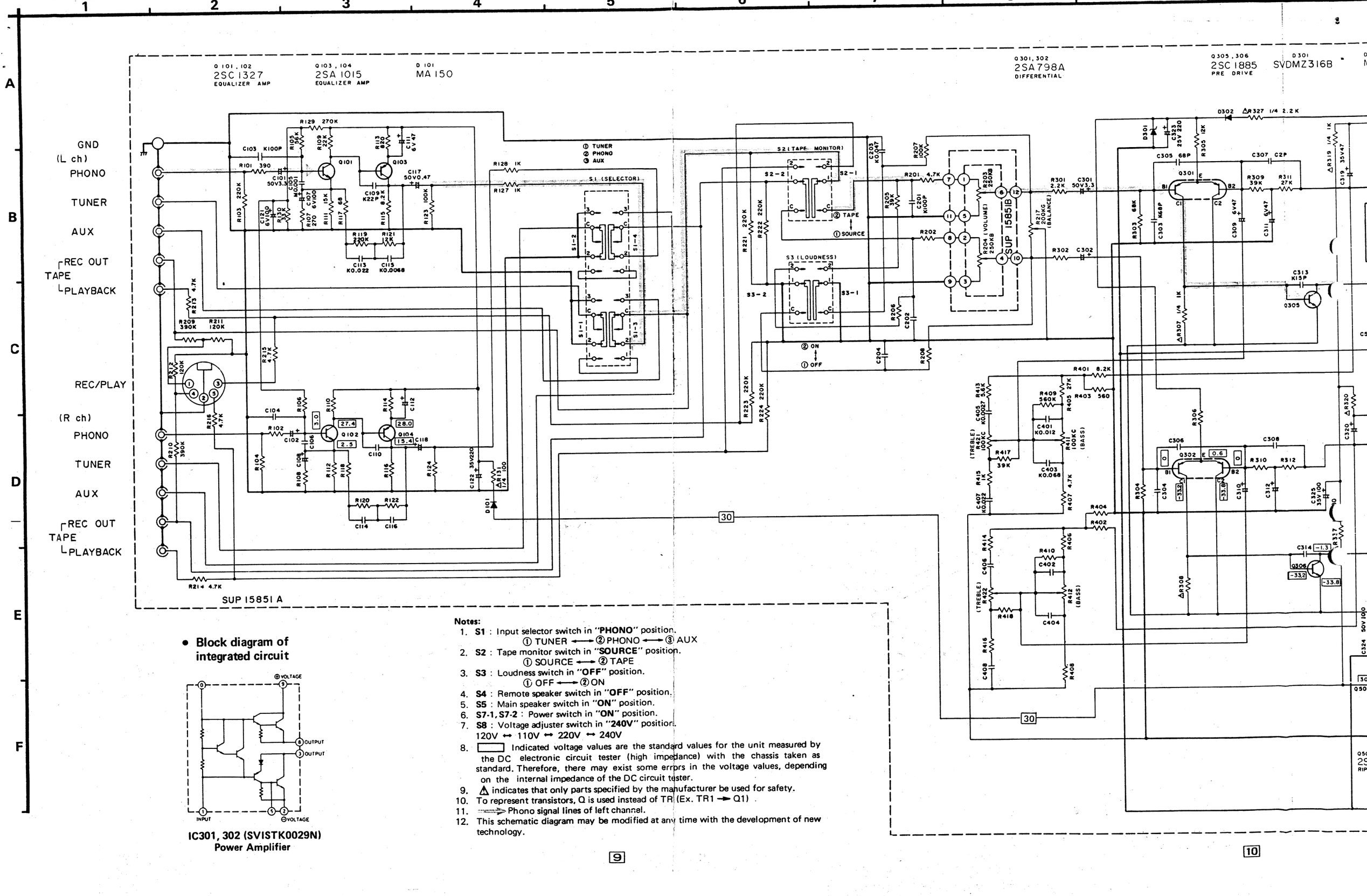


Ref. No.	Product Part No.	Standardized Part No.
Q101, 102	2SC1327	2SC1328-T
D101, 302	MA150	MA161

● Terminal guide of transistor and IC

2SA798A	2SA1015 , 2SC1815 2SC1327 , 2SC1885
	
	SVISTK0029N
	

■ SCHEMATIC DIAGRAM

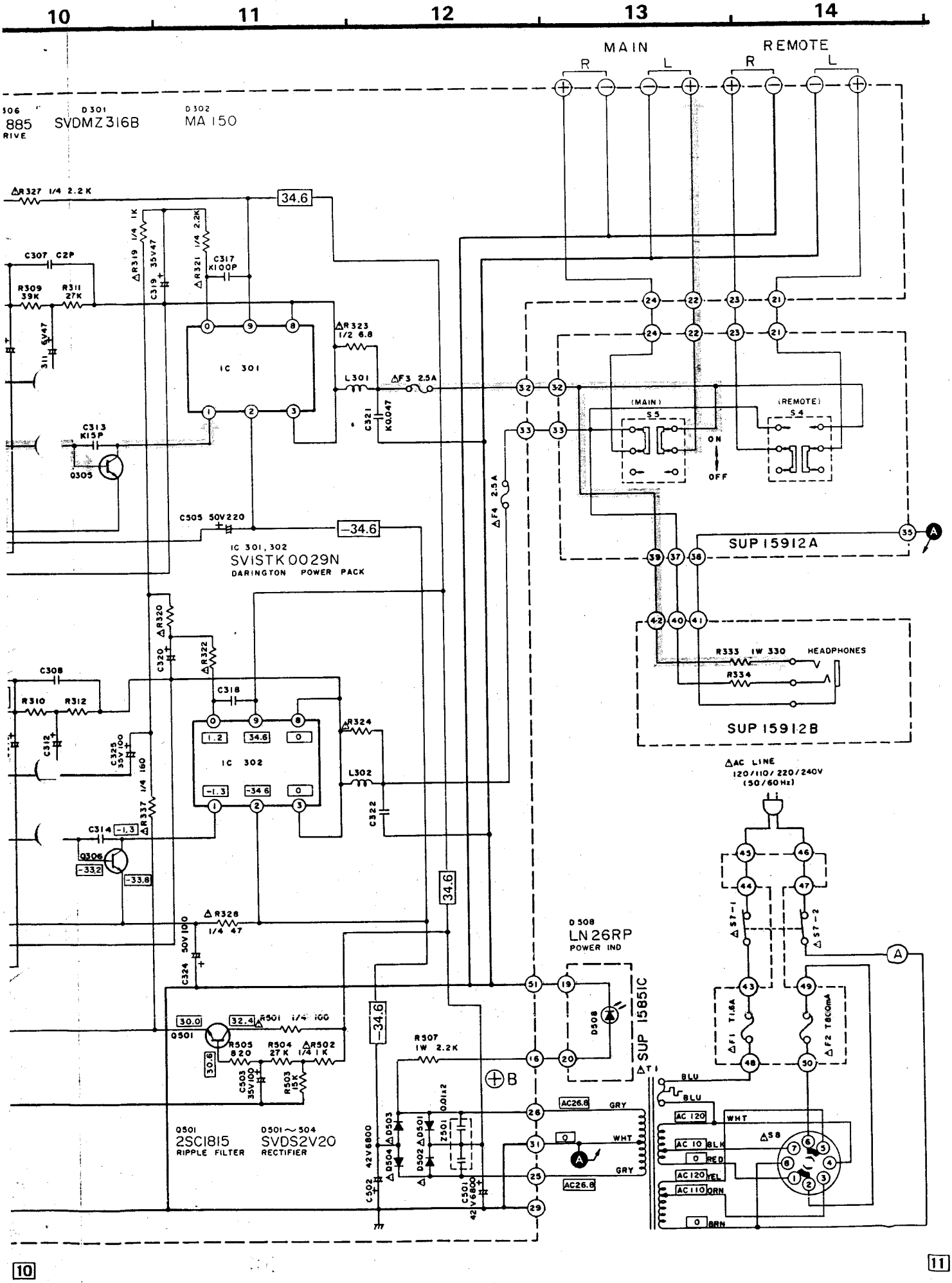


- **Block diagram of integrated circuit**

IC301, 302 (SVISTK0029N)
Power Amplifier

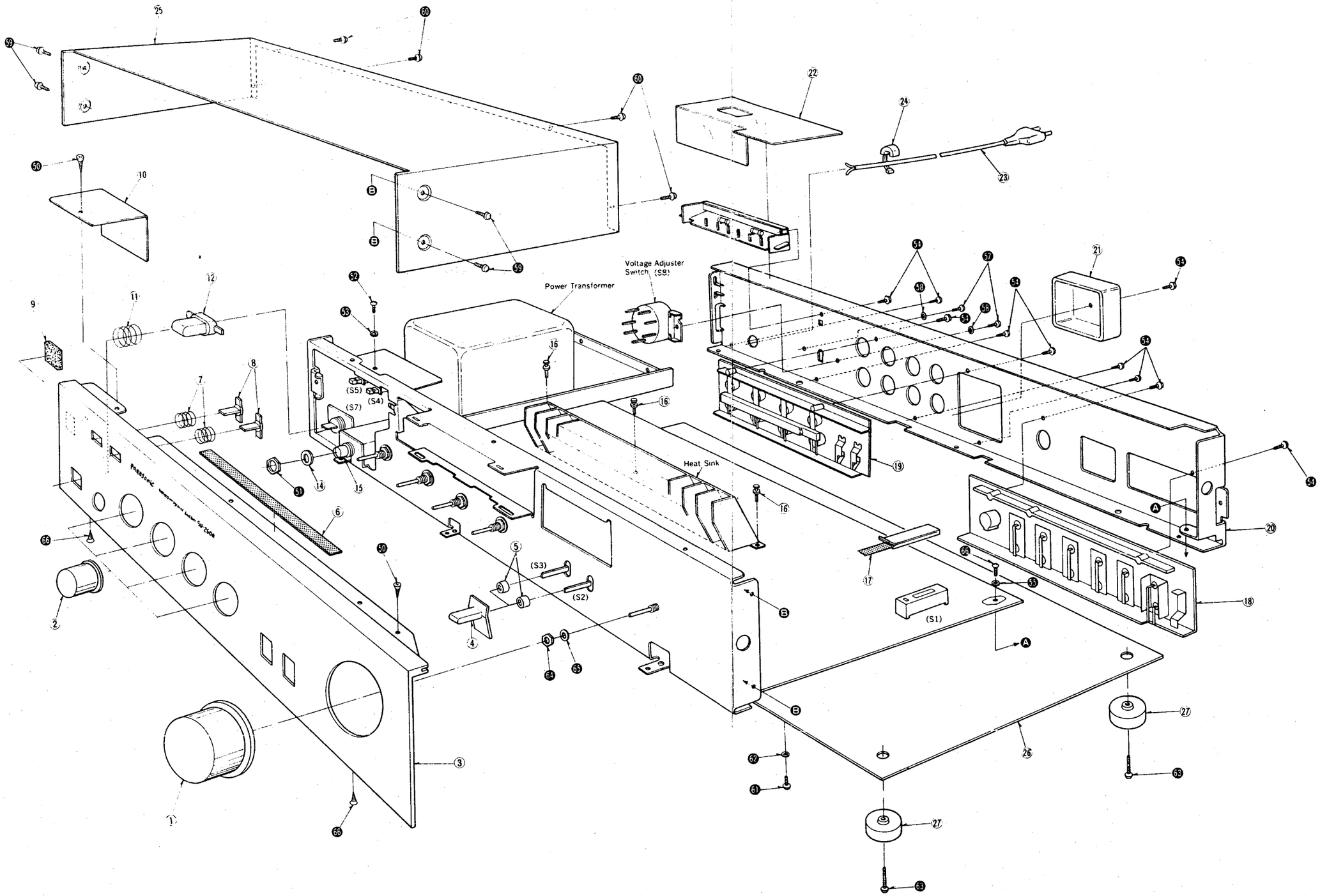
Notes:

1. **S1** : Input selector switch in "**PHONO**" position.
   ① TUNER ⟷ ② PHONO ⟷ ③ AUX
2. **S2** : Tape monitor switch in "**SOURCE**" position.
   ① SOURCE ⟷ ② TAPE
3. **S3** : Loudness switch in "**OFF**" position.
   ① OFF ⟷ ② ON
4. **S4** : Remote speaker switch in "**OFF**" position.
5. **S5** : Main speaker switch in "**ON**" position.
6. **S7-1, S7-2** : Power switch in "**ON**" position.
7. **S8** : Voltage adjuster switch in "**240V**" position.
   120V ↔ 110V ↔ 220V ↔ 240V
8. ▭ Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
9. ⚠ indicates that only parts specified by the manufacturer be used for safety.
10. To represent transistors, Q is used instead of TR (Ex. TR1 → Q1).
11. ⟹ Phono signal lines of left channel.
12. This schematic diagram may be modified at any time with the development of new technology.


10
11
12
13
14
MAIN
REMOTE
R
L
R
L
D301
SVDMZ316B
D302
MA150
ΔR327 1/4 2.2K
34.6
ΔR319 1/4 1K
C319 35V47
ΔR321 1/4 2.2K
C317 K100P
C307 C2P
R309 39K
R311 27K
311 6V47
IC 301
ΔR323 1/2 6.8
L301
ΔF3 2.5A
C321 K0.047
C313 K15P
Q305
C505 50V220
-34.6
IC 301, 302
SVISTK0029N
DARINGTON POWER PACK
ΔF4 2.5A
(MAIN)
S5
(REMOTE)
S4
ON
OFF
SUP 15912A
R333 1W 330
HEADPHONES
R334
SUP 15912B
C320
ΔR320
ΔR322
C308
R310
R312
C318
IC 302
ΔR324
L302
C322
C312
C325 35V100
ΔR337 1/4 160
C314
Q306
-33.2
-33.8
ΔR328 1/4 47
50V100
C324
34.6
D508
LN26RP
POWER IND
SUP 15851C
ΔT1
ΔAC LINE
120/110/220/240V
(50/60Hz)
ΔS7-1
ΔS7-2
ΔF1 T1.6A
ΔF2 T800mA
ΔS8
30.0
32.4
ΔR501 1/4 100
Q501
R505 820
R504 27K
ΔR502 1/4 1K
30.6
C503 35V100
R503 15K
R307 1W 2.2K
⊕B
AC26.8
GRY
WHT
GRY
AC26.8
D503
D501
D504
D502
Z501
0.01±2
C502 42V6800
C501 42V6800
BLU
BLU
AC 120
WHT
AC 10
BLK
RED
AC120
YEL
AC110
ORN
BRN
Q501
2SC1815
RIPPLE FILTER
D501~504
SVDS2V20
RECTIFIER

SU-2600

■ EXPLODED VIEWS



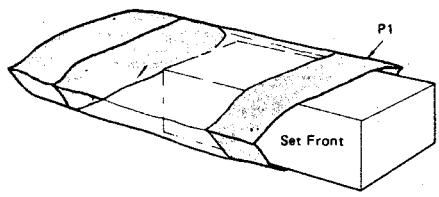
REPLACEMENT PARTS LIST (Cabinet and Chassis Parts)

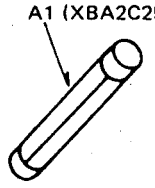
Notes: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts order.
2. △ indicates that only parts specified by the manufacturer be used for safety.

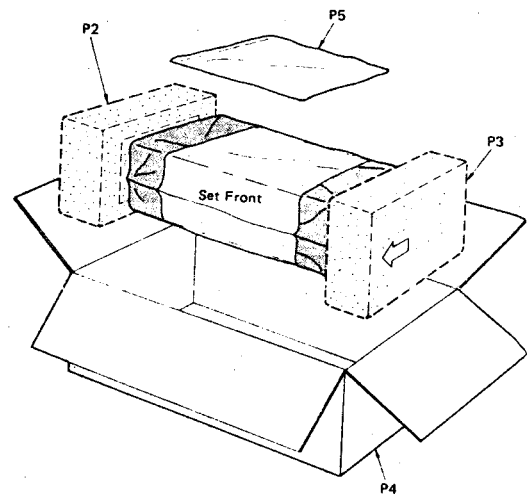
Ref. No.		Part No.	Part Name & Description
CABINET and CHASSIS PARTS			
1		SBN859–1	Knob, Volume Control
2		SBN861	Knob, Bass, Treble, Balance & Input Selector
3		SGWU2600E	Panel, Front Ass'y
4		SBD19–3	Knob, Loudness, Tape Monitor Switch
5		SNW421–1	Spacer, Loudness, Tape Monitor Switch
6		SHS6101–1	Fiber, Front Panel
7		SUS123–1	Spring, Push Switch
8		SBC211–1	Button, Speaker Switch
9		SHR9491	Spacer, LED Power Indicator
10		SMX267	Cover, Power Switch
11		SUS145	Spring, Power Switch
12		SBC209–2	Button, Power Switch
14		SNE59–1	Washer, Headphones Jack M'tg
15		XCJ6P21B–A	Jack, Headphones
16		SHR401–1	Latch, Heat Sink M'tg
17		ESA338	Remote Switch, Input Selector
18		SJF3025–3	Terminal, Input
19		SJF8013–1	Terminal, Speakers
20		SGP1750–1E	Rear Panel
21		SUV337	Cover, Speaker Terminal
22		SMX269–1	Cover, Power Fuses
23	△	RJA23ZC	AC Cord, with Plug (Except product for [XE])
23 [XE] only	△	RJA45ZC	AC Cord
24		SFSR4N4	Bushing, AC Cord (Except product for [XE])
24 [XE] only		SFSR5N4	Bushing, AC Cord
25		SKA10679K	Cabinet
26		SYU187–2	Bottom Board
27		SKL225	Foot, Set
SCREWS and WASHERS			
㊿		**XTS3+8B**	Screw, Front Panel M'tg
㊿①		**XNS12**	Nut, Headphones Jack M'tg
㊿②		**XTN3+8B**	Screw, Speaker Selector Switch Printed Circuit Board M'tg
㊿③		**XWG3B**	Washer
㊿④		**XTB3+8BFZ**	Screw, Terminals, Fuse Cover, Power Fuses Printed Circuit Board and Rear Panel M'tg
㊿⑤		**XWC3B**	Washer
㊿⑥		**XSN3+6BVS**	Screw, Voltage Adjuster Switch M'tg
㊿⑦		**XWA3BFZ**	Washer
㊿⑧		**XTB4+8BFZ**	Screw, Cabinet M'tg
㊿⑨		**XTB3+8BFZ**	Screw, Cabinet M'tg
㊿⑩		**XTN3+8B**	Screw, Bottom Board M'tg
㊿⑪		**XWG3**	Washer
㊿⑫		**XTB3+12BFN**	Screw, Set Feet M'tg
㊿⑬		**XNS8**	Nut, Volume, Selector, Balance, Treble & Bass M'tg
㊿⑭		**XWV8**	Washer
㊿⑮		**XTB3+8BFN**	Screw, Front Panel and P.C.B. M'tg
ACCESSORY			
A1	△	XBA2C25SS0	Fuse, 2.5A (250V) Speaker Circuit
PACKING PARTS			
P1		SPP501	Polyethylene Bag
P2		SPS2265	Pad, Left Side
P3		SPS2267	Pad, Right Side
P4		SPG2209	Carton Box
P5		SQF10261	Instructions Book, Printed Matter (Except product for [XE])
P5 [XE] only		SQF10259	Instructions Book, Printed Matter

Note : (XE) is available in United Kingdom.

PACKINGS AND ACCESSORIES







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